

WHAT IS CLAIMED IS:

1. A method of generating user-compatible business application data, the method generating a folder for input to an application system and that is to be
5 applied to the application system at a timing that satisfies a requirement of the application system, the folder having data items and a format required by the application system in order for business processing to be executed by the application system, the folder being
10 generated from an input report having data items and a format that reflect activities of a user and being created at a timing that reflects the activities of the user, said input report being independent, in terms of data items, format and input timing, of data items,
15 format and input timing required by said application system, said method comprising the steps of:

entering an input report, which is accompanied by time-related data, together with an identification code thereof to a generating system, said input report
20 including data regarding one or a plurality of items and having a format suitable for expressing results of user activities;

storing the entered input report together with the identification code thereof in a database of said
25 generating system in order to make said input report

available for use in one or a plurality of application systems; and

generating a folder, which includes data required by said application system in a format required by said application system, at a given timing prior to start of business processing in said application system, by selection or manipulation of the input report that has been stored in said database and of data contained in said input report without executing said business processing, and delivering the generated folder to said application system.

2. The method according to claim 1, further comprising the step of generating said input folder by selection or manipulation of an input report, which has been stored in said database, and of data contained in said input report in accordance with a folder generating definition that specifies how said folder is generated from said input report.

3. The method according to claim 1, further comprising the steps of:

selecting an input report to be used in generating said folder from among input reports that have been stored in said database; and

generating said input folder by selection or manipulation of data contained in the selected input

report in accordance with a folder generating definition that specifies how said folder is generated from said input report..

4. The method according to claim 3, wherein said
5 report selecting definition includes a report interval definition that specifies the interval of a report to be used in generating said folder, and an input report that falls within an interval to be used in generating said folder is selected, based upon time-related data
10 accompanying an input report that has been stored in said database, in accordance with said report interval definition.

5. The method according to claim 3 or 4, wherein the identification code of said input report includes a
15 code that identifies the type of input report; and
said report selecting definition includes a report-type definition that specifies the type of a report to be used in generating a folder, and an input report of the type to be used in generating said folder
20 is selected, based upon the identification code of the input report that has been stored in said database, in accordance with said report-type definition.

6. The method according to any one of claims 3 to 5, wherein said report selecting definition includes a
25 report item definition that specifies a data item that

is to be included in a report to be used in generating said folder, and an input report to be used in generating said folder is selected, based upon a data item included in the input report that has been stored
5 in the database, in accordance with said report item definition.

7. The method according to any one of claims 3 to 6, wherein said report selecting definition includes a data value definition that specifies a data value that
10 is to be included in a report to be used in generating said folder, and an input report to be used in generating said folder is selected, based upon a data value included in an input report that has been stored in the database, in accordance with said data value
15 definition.

8. The method according to any one of claims 1 to 7, wherein the identification code of said input report includes a user identification code that identifies a user who has performed an activity; and
20 said folder is generated on a per-user basis based upon said user identification code.

9. A program for generating user-compatible business application data, comprising computer code for implementing the steps of:

accepting entry of an input report, which is accompanied by time-related data, together with input of an identification code thereof, to a generating system, said input report including data regarding one
5 or a plurality of items and having a format suitable for expressing results of user activities;

storing the entered input report together with the identification code thereof in a database of said generating system in order to make said input report
10 available for use in one or a plurality of application systems; and

controlling said generating system so as to generate a folder, which includes data required by said application system in a format required by said
15 application system, at a given timing prior to start of business processing in said application system, by selection or manipulation of an input report that has been stored in said database and of data contained in said input report without executing said business
20 processing, and deliver the generated folder to said application system.

10. A system for generating user-compatible business application data, comprising:

input report accepting means for accepting entry
25 of an input report, which is accompanied by time-

related data, together with an identification code thereof, the input report including data regarding one or a plurality of items and having a format suitable for expressing results of user activities;

5 database control means for controlling a database so as to store the input report, which has been accepted by said input report accepting means, together with the identification code thereof in said database in order to make the input report available for use in
10 one or a plurality of application systems; and

 folder generating / delivering means for generating a folder, which includes data required by the application system in a format required by the application system, at a given timing prior to start of
15 business processing in the application system, by selection or manipulation of an input report that has been stored in the database and of data contained in the input report without executing the business processing, and delivering the generated folder to the
20 application system.

11. A program for generating user-compatible business application data, comprising:

 a definition accepting program for controlling a computer so as to accept, and store in definition data
25 storage means with regard to a folder to be applied to

an application system, a folder data-item definition that specifies a data item contained in the folder, a report selecting definition that specifies an interval of a report to be used in creating a folder, type of
5 report to be used in creating a folder and a report data item that is to be included in a report to be used in creating a folder, and a folder data generating definition that specifies how data of a data item of a folder is generated from data relating to a report;
10 a report accepting program for controlling the computer so as to accept, and store in report storage means, a report having time data, a report-type code and data of one or a plurality of report data items;
a report selecting program for controlling the
15 computer so as to select, from among reports stored in said report storage means, a report, which is in line with at least any one condition, from among a report in line with a condition that time data falls within an interval specified by the report selecting definition,
20 a report in line with a condition that the report possesses a report-type code of a type specified by the report selecting definition, and a report in line with a condition that the report possesses data of a report data item specified by the report selecting definition;
25 and

a folder data generating program for controlling the computer based upon data relating to the selected report so as to generate data of a data item of a folder, which has been specified by the folder data-
5 item definition, in accordance with the folder data generating definition.

12. A program for generating user-compatible business application data, said program causing a computer to function as:

10 definition data storage means for storing definition data that includes, with regard to a folder to be applied to an application system, a folder data-item definition that specifies a data item contained in the folder, a report selecting definition that
15 specifies an interval of a report to be used in creating a folder, type of report to be used in creating a folder and a report data item that is to be included in a report to be used in creating a folder, and a folder data generating definition that specifies
20 how data of a data item of a folder is generated from data relating to a report;

report storage means for storing a report having time data, a report-type code and data of one or a plurality of report data items;

report selecting means for selecting, from among reports stored in said report storage means, a report, which is in line with at least any one condition, from among a report in line with a condition that time data
5 falls within an interval specified by the report selecting definition, a report in line with a condition that the report possesses a report-type code of a type specified by the report selecting definition, and a report in line with a condition that the report
10 possesses data of a report data item specified by the report selecting definition; and

folder data generating means for generating data of a data item of a folder, which has been specified by the folder data-item definition, in accordance with the
15 folder data generating definition based upon data relating to the report by said report selecting means.

13. The program according to claim 11 or 12, wherein the report selecting definition includes a data value to be included in a report to be used in creating a
20 folder; and

a report, which is in line with at least any one condition, is selected from among a report in line with a condition that time data falls within an interval specified by the report selecting definition, a report
25 in line with a condition that the report possesses a

report-type code of a type specified by the report
selecting definition, a report in line with a condition
that the report possesses data of a report data item
specified by the report selecting definition, and a
5 report in line with a condition that the report
possesses a data value specified by the report
selecting definition.

14. The program according to claim 11 or 12, wherein
there is selected a report having time data that falls
10 within an interval specified by the report selecting
definition, a report-type code of a type specified by
the report selecting definition, and data of a report
data item specified by the report selecting definition.

15. The program according to claim 13, wherein there
15 is selected a report having time data that falls within
an interval specified by the report selecting
definition, a report-type code of a type specified by
the report selecting definition, data of a report data
item specified by the report selecting definition, and
20 a data value specified by the report selecting
definition.

16. A definition accepting program for controlling a
computer so as to:

accept input of the following definitions from an input unit, with regard to a folder to be applied to an application system:

a folder data-item definition that specifies
5 a data item contained in the folder;

a report selecting definition that specifies
an interval of a report to be used in creating a folder,
type of report to be used in creating a folder and a
report data item that is to be included in a report to
10 be used in creating a folder; and

a folder data generating definition that
specifies how data of a data item of a folder is
generated from data relating to a report; and

store the accepted folder data-item definition,
15 report selecting definition and folder data generating
defining in definition data storage means.

17. A program for generating user-compatible business
application data, comprising:

a report selecting program for controlling a
20 computer to select, from among reports, which have been
stored in report storage means, having time data,
report-type codes and data of one or a plurality of
report data items, a report, which is in line with at
least any one condition, from among a report in line
25 with a condition that time data falls within an

interval of a report to be used in creating a folder specified by the report selecting definition, a report in line with a condition that the report possesses a report-type code to be used in creating a folder

5 specified by the report selecting definition, and a report in line with a condition that the report possesses data of a report data item to be used in creating a folder specified by the report selecting definition; and

10 a folder data generating program for controlling the computer based upon data relating to the selected report so as to generate data of a data item of a folder, which has been specified by the folder data-item definition, in accordance with a folder data

15 generating definition that specifies how the data of the data item is generated from the data relating to the report.

18. The program according to claim 11 or 12, wherein said folder data-item definition specifies a plurality

20 of data items included on one folder; and

said folder data generating definition specifies how each item of data of the plurality of data items included in said one folder is generated from data relating to a report.

19. The program according to claim 11 or 12, wherein
said folder data generating definition includes a
definition that specifies that data of a data item
contained in report is data of a corresponding data
5 item of a folder.

20. The program according to claim 11 or 12, wherein
said folder data generating definition includes a
definition that specifies that data, which is obtained
by applying prescribed processing to data of one or a
10 plurality of data items contained in a report, is data
of a data item of a folder.

21. The program according to claim 11 or 12, wherein
said folder data generating definition includes a
definition that specifies that the number of reports
15 selected is data of a data item of a folder.

22. The program according to claim 11, wherein said
definition accepting program controls the computer so
as to further store, in said definition data storage
means, a folder-data generating trigger definition that
20 specifies timing for generating data of a data item of
a folder to be applied to an application system;

further comprising a program for controlling the
computer so as to start said report selecting program
and folder data generating program at a timing that has

been specified in said folder-data generating trigger definition.

23. The program according to claim 11, wherein said definition accepting program controls the computer so
5 as to further store, in said definition data storage means, a report input deadline definition that specifies an input deadline of a report to be stored in said report storage means;

further comprising a report requesting program for
10 controlling the computer in such a manner that at a timing earlier than a timing specified in said folder-data generating trigger definition, it is determined whether a report, which possesses time data that falls within an interval specified by said report selecting
15 definition, has been stored in said report storage means by a deadline specified by said report input deadline definition, and if it is determined that the report has not been stored in said report storage means by the deadline specified by said report input deadline
20 definition, data representing the fact that this report is to be stored in said report storage means is output.

24. The program according to claim 11, wherein said definition accepting program controls the computer so as to further store, in said definition data storage
25 means, a folder data-item definition, report selecting

definition and folder data generating definition with regard to each folder of a plurality of types.

25. A recording medium on which has been recorded a program set forth in any one of claims 11 to 24.

5 26. The program according to claim 17, wherein said report selecting program and said folder data generating program control a computer having:

definition data storage means for storing, with regard to a folder to be applied to an application
10 system, said folder data-item definition that specifies a data item included in the folder; said report selecting definition that specifies an interval of a report to be used in creating the folder, type of report to be used in creating the folder, a report data
15 item that is to be included in a report to be used in creating the folder, and a data value to be included in a report used in creating the folder; and said folder data generating definition that specifies how data of a data item of a folder is generated from data relating
20 to a report; and

report storage means for storing a report having time data, a report-type code and data of one or a plurality of report data items.

27. A recording medium on which the following programs
25 have been recorded:

a definition accepting program for controlling a computer so as to accept, and store in definition data storage means with regard to a folder to be applied to an application system, a folder data-item definition
5 that specifies a data item contained in the folder, a report selecting definition that specifies an interval of a report to be used in creating a folder, type of report to be used in creating a folder and a report data item that is to be included in a report to be used
10 in creating a folder, and a folder data generating definition that specifies how data of a data item of a folder is generated from data relating to a report;

a report accepting program for controlling the computer so as to accept, and store in report storage
15 means, a report having time data, a report-type code and data of one or a plurality of report data items;

a report selecting program for controlling the computer so as to select, from among reports stored in said report storage means, a report, which is in line
20 with at least any one condition, from among a report in line with a condition that time data falls within an interval specified by the report selecting definition, a report in line with a condition that the report possesses a report-type code of a type specified by the
25 report selecting definition, and a report in line with

a condition that the report possesses data of a report data item specified by the report selecting definition; and

5 a folder data generating program for controlling the computer based upon data relating to the selected report so as to generate data of a data item of a folder, which has been specified by the folder data-item definition, in accordance with the folder data generating definition.

10 28. A system for generating user-compatible business application data, comprising:

definition data storage means for storing definition data that includes, with regard to a folder to be applied to an application system, a folder data-item definition that specifies a data item contained in
15 the folder, a report selecting definition that specifies an interval of a report to be used in creating a folder, type of report to be used in creating a folder and a report data item that is to be
20 included in a report to be used in creating a folder, and a folder data generating definition that specifies how data of a data item of a folder is generated from data relating to a report;

report storage means for storing a report having time data, a report-type code and data of one or a plurality of report data items;

report selecting means for selecting, from among
5 reports stored in said report storage means, a report, which is in line with at least any one condition, from among a report in line with a condition that time data falls within an interval specified by the report selecting definition, a report in line with a condition
10 that the report possesses a report-type code of a type specified by the report selecting definition, and a report in line with a condition that the report possesses data of a report data item specified by the report selecting definition; and

15 folder data generating means for generating data of a data item of a folder, which has been specified by the folder data-item definition, in accordance with the folder data generating definition based upon data relating to the report by said report selecting means.

20 29. A method of generating user-compatible business application data, comprising the steps of:

providing definition data storage means and report storage means, said definition data storage means storing, with regard to a folder to be applied to an
25 application system, definition data that includes a

folder data-item definition that specifies a data item contained in the folder, a report selecting definition that specifies an interval of a report to be used in creating a folder, type of report to be used in
5 creating a folder and a report data item that is to be included in a report to be used in creating a folder, and a folder data generating definition that specifies how data of a data item of a folder is generated from data relating to a report; and said report storage
10 means storing a report having time data, a report-type code and data of one or a plurality of report data items;

selecting, from among reports stored in said report storage means, a report, which is in line with
15 at least any one condition, from among a report in line with a condition that time data falls within an interval specified by the report selecting definition, a report in line with a condition that the report possesses a report-type code of a type specified by the
20 report selecting definition, and a report in line with a condition that the report possesses data of a report data item specified by the report selecting definition; and

generating data of a data item of a folder, which
25 has been specified by the folder data-item definition,

in accordance with the folder data generating definition, based upon data relating to the selected report.